



PTO/SB/08A (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Project (0651-0031) of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known			
		Application Number	10/039,044		
		Filing Date	December 31, 2001		
		First Named Inventor	Laura C. Boudreau et al.		
		Group Art Unit	1621		
		Examiner Name			
Sheet	1	of	2	Attorney Docket Number	T-5869

U.S. PATENT DOCUMENTS					
Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
TN	1	US-3,304,341	02-14-1967	Weiner et al.	
	2	US- 3,401,112	09-10-1968	Dunlop et al.	
	3	US- 3,407,789	10-29-1968	Hallee et al.	
	4	US- 3,847,882	03-07-1972	Rabo et al.	
	5	US- 3,679,782	07-25-1972	La Hue et al.	
	6	US- 3,758,403	09-11-1973	Rosinski et al.	
	7	US- 3,820,955	06-28-1974	Woebcke	
	8	US- 4,128,595	12-05-1978	Montgomery	
	9	US- 4,347,392	08-31-1982	Cosyns et al.	
	10	US- 4,499,055	02-12-1985	DiNicolantonio et al.	
	11	US- 4,571,442	02-18-1986	Cosyns et al.	
	12	US- 4,762,956	08-09-1988	Liu et al.	
	13	US- 4,814,067	03-21-1989	Gartside et al.	
	14	US- 4,828,679	05-09-1989	Cormier, Jr. et al.	
	15	US- 4,980,053	12-25-1990	Li et al.	
	16	US- 5,059,732	10-22-1991	Cosyns et al.	
	17	US- 5,326,465	07-05-1994	Yongquing et al.	
	18	US- 5,712,171	01-27-1998	Zambias et al.	
	19	US- 5,811,821	09-22-1998	van Dijk	
	20	US- 5,859,304	01-12-1999	Barchas et al.	
	21	US- 6,339,182 B1	01-15-2002	Munson et al.	

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)					
TN	22	GB 1,001,886		08-18-1965	Farbwerke Hoechst Aktiengesell-Schaft		

Examiner Signature		Date Considered	8/6/04
-----------------------	--	--------------------	--------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



PTO/SB/08B(10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Project of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known	
		Application Number	10/034,044
		Filing Date	December 31, 2001
		First Named Inventor	Laura C. Boudreau et al.
		Group Art Unit	1621
		Examiner Name	
Sheet 2 of 2	Attorney Docket Number	T-5869	

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
TN	23	Malz Kr., Richard. <i>Chemical Ind.</i> , "Catalysis of Organic Reactions," 68:249-263. (1996) Marcel Dekker, Inc., New York.	
TN	24	Enderby, J., <i>J. Phys. Condens. Matter</i> , "Ionic Liquids: recent progress and remaining problems", 5: (supp 348) B99-B106 (1993) Institute of Physics Publishing, UK.	
TN	25	Freemantle, M., <i>Chemical and Engineering News</i> , "Designer Solvents", 32-37 (March 30, 1996) American Chemical Society, Washington, D.C.	
TN	26	Gordon, C., et al., <i>J. Mater. Chem.</i> , "Ionic liquid crystals: hexafluorophosphate salts", 8: 2627-2636 (1998) The Royal Society of Chemistry, Cambridge, UK.	
TN	27	Seddon, K., <i>J. Chem. Tech. Biotechnol.</i> , "Ionic Liquids for Clean Technology", 68: 351-356 (1997) John Wiley & Sons Ltd., UK.	
TN	28	Welton, T., <i>Chem. Rev.</i> , "Room-Temperature Ionic Liquids. Solvents for Synthesis and Catalysis", 99:2071-2084 (1999) American Chemical Society, Washington, D.C.	

Examiner Signature		Date Considered	8/6/04
--------------------	--	-----------------	--------

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.